

<p style="text-align: center;">OPIE FORM PTO-1449 SAMUELS, GAUTHIER & STEVENS LLP (Rev. 5/92) 225 Franklin Street, Boston, MA 02110 Telephone: (617) 426-9180 JAN 02 2004</p> <p style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p>		<p>MIT.9941 ATTORNEY DOCKET NO.</p> <p>APPLICANT: Fischer et al.</p> <p>FILING DATE: 8/19/03</p>	<p>10/643,414 SERIAL NO.</p> <p>GROUP: 2874</p> <p>EXAMINER: Unknown <i>Phan Palmer</i></p>
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AE						
	AF						
	AG						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		
PH	AH	"Single-Mode Silicon Optical Switch with T-Shape SiO ₂ Waveguide as a Control Gate," Kobayashi et al. Japanese Journal of Applied Physics, Vol. 41, pgs.: 2563-2565, Part 1, No. 4B, April 2002
PH	AI	"Photoconductivity effects in polycrystalline silicon and optically controlled coplanar waveguide switch", Twarowski et al., Ann. Telecommunications, 56 n° 3-4, 2001, pgs.: 208-214
	AJ	
	AK	
	AL	
	AM	

EXAMINER *Phan T.H. Palmer* DATE CONSIDERED 01/28/2005

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MIT.9941
 ATTORNEY DOCKET NO.

Unknown
 SERIAL NO. 10/643414

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08/19/2003

EXAMINER: Unknown

Phan Palmer

**INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT**

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PH	AA	5,694,498	12/02/1997	Manasson et al.	385	15	08/16/1996
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EXAMINER INITIAL		
PH	AH	"Single-Mode Silicon Optical Switch with T-Shape SiO ₂ Waveguide as a Control Gate," Iida et al. <i>IEEE International SOI Conference</i> . October 2001. X
PH	AI	"Silicon-Based Optoelectronics," Soref. <i>Proceedings of the IEEE</i> . December 1993. Vol. 81, No. 12.
PH	AJ	"Integrated Optics in Silicon and SiGe-Heterostructures," Schuppert et al. <i>Journal of Lightwave Technology</i> . October 1996. Vol. 14, No. 10.
PH	AK	"Improving the Response of Optical Phase Modulators in SOI by Computer Simulation," Hewitt et al. <i>Journal of Lightwave Technology</i> . March 2000. Vol. 18, No. 3.
PH	AL	"Infrared Optical Switch by the Use of Optically Excited Free Carriers in Semiconductors," Saito et al. <i>Review of Scientific Instruments</i> . May 2000. Vol. 71, No. 5.
PH	AM	"SiGe /Si Mach-Zehnder Interferometer Modulator based on the Plasma Dispersion Effect," Li et al. <i>Applied Physics Letters</i> . April 1999. Vol. 74, No. 15.

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